المن المن المن المنا		-2" -		A STATE OF THE STA				Page 1 of 4	
				AADEM	ATTY. DOCKET NO.	).			
		FORM	PTO-1449	_	1735.0470001/RWE/ALS 09/920,332				
FIRST S	UPPLEME	NTAL	INFORMATIO	N DISCLOSURE	Kasibhatla, S. et al.	<u> </u>		_≧ ਜੋ	
<del></del>			TEMENT	·	FILING DATE 08/02/01	GROU 1645	P1644	<u>α</u> Ω	
				U.S.	PATENT DOCUMENTS	11043	<u> </u>	<u> </u>	
EXAMINER INITIAL			CUMENT MBER	DATE	NAME	CLASS	SUB-OC CLASS	22LINITIATE	
	AA	T NO.	HER		· · ·		8 8	<del>                                     </del>	
	AB						8		
	AC								
	AD								
	AE								
	AF	_							
	AG	+					<b></b>		
	AH	+-					<u> </u>	ļ	
	AI	+		<del> </del>			<del>                                     </del>		
	AJ			<del></del>					
	AK							l	
EXAMINER			<del></del>	FOREIG	GN PATENT DOCUMENTS		<u> </u>	T .	
INITIAL		DOCU NUMB	MENT SER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
	AL							Ye N	
	1			<u> </u>			<del></del>	Ye	
	AM							N	
	AN							Ye N	
	1.2.							Ye	
	AO						ļ <u>.</u>	No.	
Pult	AP2	wo o	1/79187 A2	10/25/01	WIPO			Ye:	
<del></del>					Title, Date, Pertinent Pa	ages, etc.)	<u> </u>		
	AR								
	AS		:						
<u>.</u>			Biomol R	esearch Labora	atories, Inc., "Apoptosis	Inducers and	d the Acce	v of Caspaco	
Put	АТ	<u>14</u>	Activity,	" FASEB J. 12: imental Biolog	A1488, Abstract No. T10,	Federation of	of America	n Societies	
EXAMINER			She	N. Hr		DATE CONS	IDERED 7/	30/03	
line through	n citat	ion i	eference &	onsidered, whe	ther or not citation is in not considered. Include	conformanc	e with MPE s form wit	P 609. Draw h next	
communicatio		pplic	ant.						

AUG 2 8 2002

FORM PTO-1449

FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO. 1735.0470001/RWE/ALS

s.

et al

APPLICATION NO 09/920,332

R 1600,

INFORMATION DISCLOSURE APPLICANT Kasibhatla,

FILING DATE

GROUP

1644 8

		STA	TEMENT		FILING DATE 08/02/01		1645	- 1644	~ <del>                                    </del>	
				บ.ร	. PATENT DOCUMENTS					
EXAMINER INITIAL			CUMENT ŒER	DATE	NAME		CLASS	SUB- CLASS	FILING DATE	
	AA									
	AB									
	AC							<u> </u>		
	AD									
	AE									
	AF									
	AG									
	AH	_								
	AI		· · · · · · · · · · · · · · · · · · ·						<u> </u>	
	AJ			ļ				<u> </u>		
	AK							<u> </u>		
-		<del>-</del>		FOREI	GN PATENT DOCUMENTS	3		· · · · · · · · · · · · · · · · · · ·		
EXAMINER NITIAL		DOCU NUMB		DATE	COUNTRY		CLASS	SUB- CLASS	TRANSLATION	
-NH	AL3	WO 0	2/12545 A2	2/14/02	WIPO				Ye	
1	АМ3		· ·						Ye	
	AN								Ye	
	AO							-	Ye N	
	AP								Ye	
		ı	OTHER (Incl	uding Author	, Title, Date, Pert	inent Bage	e ota l	<u> </u>	1 1	
PNH	AR	<u>15</u>	Hug, H. et	t <i>al.</i> , "Rhoda spase Activi	mine 110-Linked Ami ty upon Apoptosis I Chemical Society (C	ino Acids a	nd Peptid n Intact	es as Suk Cells,"	ostrates to Biochem. 38:	
	AS	15	Caspase As	Jones, J. et al., "Development and Application of a GFP-FRET Intracellular Caspase Assay for Drug Screening," J. Biomol. Screening 5:307-317, The Society for Biomolecular Screening (October 2000).						
	AT	<u>15</u>	Inducer of	Apoptosis i	ndanocine, a Microt n Multidrug-Resista versity Press (Feb	ant Cancer	Cells," 3	none and a	a Selective Canc. Inst.	
XAMINER		<u></u>	\ 5!			D	ATE CONSI	DERED 🖘	/2 /	

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



FORM PTO-1449

## FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO. 1735.0470001/RWE/ALS

et al

APPLICANT Kasibhatla,

APPLICATION NO 109/920,332

GROUP

	JE E DISMI		TEMENT	DISCLOSURE	FILING DATE		GROUP	: 1.46		
					08/02/01		GROUP 1645	1644	<u>₹</u>	
	_			v.s.	PATENT DOCUMENTS					
EXAMINER INITIAL			CUMENT BER	DATE	NAME	CL	ASS	SUB- CLASS	FILING DATE	
	AA								<u> </u>	
	AB									
	AC									
	AD	_		<u> </u>					<u> </u>	
	AE			-						
	AF	+				<del>_</del> _				
	AG AH	+		<del>                                     </del>						
	AI							<u> </u>		
	AJ	+								
	AK	_								
	<u> </u>			FOREIG	ON PATENT DOCUMENTS					
EXAMINER										
INITIAL			CUMENT IBER	DATE	COUNTRY	CL	ASS	SUB- CLASS	TRANSLATION	
	AL								Ye:	
	AM								Ye:	
	AN	_							Ye:	
	AO	ļ							Yes No	
	AP								Yes No	
	<u></u>		OTHER (Inc.	luding Author,	Title, Date, Perti	lnent Pages,	etc.)			
Pult	AR	<u>16</u>	Diverse P	anel of Cultur	sibility of a High- red Human Tumor Cel Press (1991).	Flux Anticand l Lines," J.	cer Dru Natl.	g Screen Canc. Ins	Using a st. 83:757-	
	AS	16	Microtubu		"Laulimalide and I g Agents," <i>Canc. Re</i> ary 1999).					
V	AT	16	Kinetics	Tepper, A. D. et al., "CD95/Fas-induced Ceramide Formation Proceeds with Slow Kinetics and is not Blocked by Caspase-3/CPP32 Inhibition," <i>J. Biol. Chem. 272</i> : 24308-24312, The American Society for Biochemistry and Molecular Biology, Inc., (1997).						
EXAMINER	,	SC	1 X			DATE	CONSI	DERED 7/	30/07	
ine through.	citat	if A	eference co	nsidered, whet	ther or not citatio not considered. I	n is in confo	rmance f this	with MPE form wit	P 609. Draw	

JIPE	6)
AUG -2-8 2002	\$
	<u> </u>

PRADEMAR APPLICATION NO ATTY. DOCKET NO. 1735.0470001/RWE/ALS 09/920,332 FORM PTO-1449 APPLICANT Kasibhatla, S. et al FIRST SUPPLEMENTAL INFORMATION DISCLOSURE GROUP STATEMENT FILING DATE 08/02/01 1645 U.S. PATENT DOCUMENTS EXAMINER DATE INITIAL DOCUMENT NAME CLASS SUB-FILING DATE NUMBER CLASS AA AB AC AD ΑE AF AG AН ΑI АJ ΑK FOREIGN PATENT DOCUMENTS EXAMINER INITIAL DOCUMENT DATE COUNTRY CLASS SUB-TRANSLATION NUMBER CLASS Yes ΑL No Yes AM No Yes AN No Yes ΑO No Yes AΡ OTHER (Including Author, Title, Date, Pertinent Pages, etc.) Zhou, T. et al., "Bisindolylmaleimide VIII facilitates Fas-mediated apoptosis and inhibits T cell-mediated autoimmune diseases," Nat. Med. 5:42-48, Nature AR 17 Publishing Company (January 1999). International Search Report for International Application No. PCT/US01/24250 AS <u>17</u> (published as document AM3), mailed May 31, 2002. Co-pending U.S. Patent Application No. 10/046,548, Kasibhatla, S. et al., filed ΑТ <u>17</u> January 16, 2002. EXAMINER DATE CONSIDERED 30 03 EXAMINER: Initial if/ reference considered, whether or not citation is in conformance with MPEP 609. Draw

if not in conformance and not considered. Include copy of this form with next line through citation communication to Applicant.

Page 1 of 14

		Page 1 of 14			
PE JOJA	ATTY. DOCKET NO. 1735.0470001/RWE/ALS	APPLICATION NO. 09/920,332			
FORM PTO-1449  INFORMATION DISCLOSURE STATEMENT	APPLICANT Kasibhatla et al.				
MAY TIMPORTURE DISCHOSORE STATEMENT	FILING DATE August 2, 2001	GROUP 1644			
The sole					

				U.S.	PATENT DOCUMENTS		1	T		
EXAMINER INITIAL		DOC NUM		DATE	NAME	CLASS	SUB- CLASS	FILING DATE		
DUK	AA1	4,3	36,186	06/22/1982	Gargiulo et al.	260	112.5 R	02/09/1981		
	AB1	4,5	57,862	12/10/1985	Mangel et al.	260	112 R	10/28/1983		
	AC1	4,6	40,893	02/03/1987	Mangel et al.	435	23	09/27/1985		
	AD1	5,2	08,148	05/04/1993	Haugland et al.	435	14	12/07/1990		
	AE1	5,2	27,487	07/13/1993	Haugland et al.	546	15	04/16/1990		
	AF1	5,3	62,628	11/08/1994	Haugland et al.	435	18	03/05/1993		
	AG1	5,4	43,986	08/22/1995	Haughland et al.	435	4	07/06/1993		
	AH1	5,5	56,992	09/17/1996	Gaboury et al.	549	227	09/02/1994		
	AI1	5,5	76,424	11/19/1996	Mao et al.	~5 <del>36</del>	17.9	11/08/1994		
<del></del>	AJ1	5,5	87,490	12/24/1996	Goodrich, Jr., et al.	549	282	<del>12/10/19</del> 93		
V	AK1	5,6	05,809	02/25/1997	Komoriya et al.	435	23	10/28/1994		
			<u> </u>	FOREIG	N PATENT DOCUMENTS		<u></u>			
EXAMINER INITIAL		DOCUMENT NUMBER			COUNTRY	CLASS	SUB- CLASS	TRANSLATION		
Put	AL1	WO	93/10461	05/27/1993	WIPO	-	ECF	Yes No		
	AM1	EP	0 285 179 BI	06/16/1993	Europe		MAY 1 3	VED Yes		
	AN1	CA	2,119,840	09/27/1994	Canada	_ TECH	CENTER 16	VUD2 Yes		
/	A01	WO	96/20721	07/11/1996	WIPO			900/2900 No.		
<b>V</b>	AP1	wo	98/57664	12/23/1998	WIPO			No		
			OTHER (Incl	ding Author,	Title, Date, Pertinent	Pages, etc.)				
Put	AR	<u>1</u>	Substrates	for Selectiv	et al., "Membrane Perme e Determination of Catl Gruyter & Co. (1992).					
	AS	Bonneau, P., et al., "Design of Fluorogenic Peptide Substrates for Human  Cytomegalovirus Protease Based on Structure-Activity Relationship Studies," Anal.  Biochem. 255:59-65, Academic Press, Inc. (1998).								
	AT	1	Protease w	ith Peptide S	" <i>In Vitro</i> Activity of tubstrates," <i>J. Biol. Cl</i> y and Molecular Biology	hem. 268:25449	-25454, Am			
EXAMINER			1			DATE CONSI	DERED -	120/02		

EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

Page 2 of 14

10 E		_							Page 2 of 14		
<del>\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</del>	3				ATTY. DOCKET NO. 1735.0470001/RWE/A	ALS		CATION NO. 0,332	•		
" 1 0 2000	E)		PTO-1449		APPLICANT Kasibhatla et al.	· · · · · · · · · · · · · · · · · · ·		•			
, ·	FORMATIC	RMATION DISCLOSURE STATEMENT FILING DATE						GROUP			
W & TRACE	NEZ.				August 2, 2001		1645	1644			
N. J. K. IKK				v.s.	PATENT DOCUMENTS			· · · · · · · · · · · · · · · · · · ·			
EXAMINER		7,000	UMENT	DATE	NAME	CI	ASS	SUB-	FILING DATE		
INITIAL _			BER	DATE	NAME	Ch	H33	CLASS	FIBING BATE		
Put	AA2	5,6	98,411	12/16/1997	Lucas et al.	43-	5	29	05/18/1995		
	AB2	5,7	14,342	02/03/1998	Komoriya et al.	43	5	23	10/27/1995		
	AC2	5,7	33,719	03/31/1998	Jaffe et al.	43	5	4	05/18/1995		
	AD2	5,7	73,236	06/30/1998	Diwu et al.	43	5	15	<del>04/25/</del> 1997		
	AE2	5,7	76,720	07/07/1998	Jaffe et al.	43	5	29	<del>05/18/199</del> 5		
	AF2	5,8	34,216	11/10/1998	Roizman et al.	43	5	7.21	<del>09/06/19</del> 95		
	AG2	5,8	43,635	12/01/1998	Schlossman et al.	4-3	5	-5	<del>02/27/</del> 1995		
	AH2	5,8	49,513	12/15/1998	Jaffe et al.	43	5	29	<del>07/31/1997</del>		
	AI2	5,8	71,946	02/16/1999	Lucas et al.	435	5	18	05/18/1995		
/	AJ2	5,8	97,992	04/27/1999	Fearnhead et al.	43-	5	29	09/27/1996		
V	AK2	5,9	08,750	06/01/1999	Reed, J.C. et al.	43	5	6	<del>04/11/199</del> 7		
				FOREIG	N PATENT DOCUMENTS				e en ga		
EXAMINER INITIAL			UMENT BER	DATÉ	COUNTRY	CL	ASS	SUB-	TRANSLATION		
PSH	AL2	wo	99/18856	04/22/1999	WIPO		RE	CEI	Yes No		
}	AM2		00/07017	02/10/2000	WIPO		-MA	~//	ED Yes		
	APIZ	1,,,0	00/0/01/	02/10/2000	W120	VEC	············	3 2nn	2Yes		
	AN2	wo	00/45165	08/03/2000	WIPO	120	M CEA	Tra	No		
						l		TER 1600/2	Yes		
1/	A02	WO	98/55863	06/05/1998	WIPO			7/2	900 No		
V	AP							<del> </del>	Yes No		
			OTHER (Inc.	luding Author,	Title, Date, Pertino	ent Pages,	etc.)	<u> </u>			
Polit	AR	<u>2</u>			rleukin-1 and Interle lety of Hematology (1		igonist	n," Blood	77:1627-		
	AS	<u>2</u>	in drug-i		Involvement of the CD sis in leukemia cells						
V	AT	<u>2</u>	Apoptosis	via Activatio	culinic Acid Triggers on of Caspases in Neu Association for Canc	roectoderma	ıl Tumo	ors," <i>Canc</i>			
EXAMINER		<u>'                                    </u>	1. 21			DATE	CONSI	IDERED 7/3	0/03		
EXAMINER: line throug	h citat	ion i	f not in co		ther or not citation not considered. Inc						
		<u></u>									

DEVO		Page 3 of 14
الله الله	ATTY. DOCKET NO. 1735.0470001/RWE/ALS	APPLICATION NO. 09/920,332
FORM PTO-1449  MAY INFORMATION DISCLOSURE STATEMENT	APPLICANT Kasibhatla et al.	
THE TRADERS	FILING DATE August 2, 2001	GROUP 1644
A India		

ENT & TR	ADE			August 2, 2001	1645	16 ( )				
			U.S.	PATENT DOCUMENTS						
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE			
PAR	AA3	5,976,822	11/02/1999	Landrum et al.	435	23	<del>08/20/19</del> 97			
	AB3	6,075,020	06/13/2000	Cincotta et al.	514	224.8	12/03/1998			
	AC3	6,077,684	06/20/2000	Kravtsov	435	30	<del>11/14/19</del> 96			
	AD3	6,200,969 B1	03/13/2001	Fritz et al.	514	214	09/12/1997			
	AE3	6,248,904 B1	06/19/2001	Zhang et al.	549	227	07/21/1999			
	AF3	6,251,614 B1	06/26/2001	Fritz et al.	435	7.2	05/10/1999			
	AG3	6,270,980 B1	08/07/2001	Fritz et al.	435	7.2	06/05/1997			
	AH3	6,335,429 B1	01/01/2002	Cai et al.	530	402	03/08/2000			
	AI3	6,342,611 B1	01/29/2002	Weber et al.	549	227	10/09/1998			
/	AJ									
<u> </u>	AK									
	<del>'</del>		FOREIG	N PATENT DOCUMENTS						
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION			
	AL			.,	F	ECE	Ye:			
	AM					MAY	VED Yes			
	AN				TECH	ENTER 16	002 Yes			
	AO					-14/ER 16	0/29/0 Yes			
	AP						Yes			
		OTHER (Inc	luding Author,	Title, Date, Pertinent	Pages, etc.)		<u> </u>			
Put	AR	3 Discovery	. 1. Backgroun	Applications of Combinat d and Peptide Combinator Chemical Society (1994).	ial Librarie					
	AS	3 mediated	Gamen, S., et al., "Doxorubicin-induced apoptosis in human T-cell leukemia is mediated by caspase-3 activation in a Fas-independent way," FEBS Lett. 417:360-364, Elsevier Science B.V. (1997).							
V	АТ	<pre>3 in Viable</pre>		ow Cytometric Determinat luorogenic Rhodamine 110 1995).						
EXAMINER		15/20			DATE CONSI	IDERED 7/	30/02			

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

Page 4 of 14

MAY 1 0 2002 B FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO. 1735.0470001/RWE/ALS APPLICATION NO. 09/920,332

APPLICANT

Kasibhatla *et al*.

FILING DATE August 2, 2001 GROUP 1645

	<del></del>	···			August 2, 2001		1032	10,1			
		-		v.s	. PATENT DOCUMENTS						
EXAMINER INITIAL		DOCU NUME	MENT ER	DATE	NAME		CLASS	SUB- CLASS	FILING DATE		
	AA										
	AB										
	AC										
_	AD										
-	AE										
	AF										
	AG										
	AH										
	AI										
	AJ										
-	AK										
				FOREI	GN PATENT DOCUMENT	'S					
EXAMINER INITIAL		DOCU	MENT EER	DATE	COUNTRY		CLASS	SUB- CLASS	TRANSLATION		
	AL						Dr.		Ye N		
	АМ						MEC	EIVE	Ye:		
	AN					7	REC.	9 2000	Ye N		
						TEC	H CENTER		Ye:		
	AO						H CENTER	1600/290V	Ye		
	AP							14000	N		
		C	THER (Inc	luding Author	, Title, Date, Per	tinent Page	es, etc.)				
PNH	AR	4	Discovery	7. 2. Combinat	"Applications of Corrial Organic Synt Med. Chem. 37:138	hesis, Lib	rary Scree	ening Stra	tegies, and		
	AS	4	phenotypi	Hardin, J.A., et al., "A simple fluorescence method for surface antigen phenotyping of lymphocytes undergoing DNA fragmentation," J. Immunol. Meth. 154:99-107, Elsevier Science Publishers B.V. (1992).							
V	AT	<u>4</u>	Haugland, Fluoroger (1993).	R.P. and Johnic Substrates	nnson, I.D., "Detec s," J. Fluorescence	ting Enzym 3:119-127	es in Livi , Plenum F	ng Cells Publishing	Using   Corporation		
EXAMINER		<u> </u>	<b>&gt;</b> 1			1	DATE CONSI	DERED 7/	/30/03		

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



ATTY. DOCKET NO. 1735.0470001/RWE/ALS	APPLICATION NO. 09/920,332
APPLICANT Kasibhatla <i>et al</i> .	
FILING DATE August 2, 2001	GROUP 1645

					August 2, 2001	ر يحلق	10				
			,	v.s.	PATENT DOCUMENTS						
EXAMINER INITIAL		DOC	UMENT BER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE			
	AA										
	AB										
	AC										
	AD										
	AE	<u> </u>									
	AF										
	AG										
	AH										
	AI										
	AJ										
	AK	1									
		1		FOREIG	N PATENT DOCUMENTS		· · · · · · · · · · · · · · · · · · ·	·			
EXAMINER INITIAL		DOC	UMENT BER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION			
	AL					TECL	IVEL	Yes No			
	АМ				TE(	MAY 1	3 2002	Yes No			
	AN	-			, 46	GENTER	1600/2900	Yes No			
	AO							No			
	AP							Yes No			
			OTHER (Incl	uding Author,	Title, Date, Pertinent Pag	res, etc.)					
Put	AR	<u>5</u>	Haugland, Substrates	Haugland, R.P., "Detecting Enzymatic Activity in Cells Using Fluorogenic Substrates," Biotechnic & Histochemistry 70:243-251, Williams & Wilkins (1995).							
	AS	<u>5</u>	Haugland, Spence, M. (1996).	Haugland, R.P., Handbook of Fluorescent Probes and Research Chemicals, 6 <sup>th</sup> Ed., Spence, M.T.Z., ed., Molecular Probes, Inc., Eugene, Oregon, pp. 28, 54, 225-234 (1996).							
V	AT	<u>5</u>			sis induced by anticancer d demic Publishers (1992).	cugs," Cano	cer Metast	asis Rev.			
EXAMINER			1 51			DATE CONSI	DERED /2	//2			

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

Page 6 of 14

OIPE SCHI	
MAY 1 0 2002 &	
FORM PTO-1449	

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO. APPLICATION NO. 1735.0470001/RWE/ALS 09/920,332

APPLICANT

Kasibhatla et al.

FILING DATE August 2, 2001 GROUP 1645

					August 2,	2001	1 1090	1647		
				ט	.S. PATENT DOCU	MENTS				
EXAMINER INITIAL			CUMENT MBER	DATE	NAME	***	CLASS	SUB- CLASS	FILING DAT	
	AA									
	AB									
	AC									
	AD	<del>-</del>	-			·		CEN	/ED	
	AE						BC	+CEI	A C D	
	AF	+					<del>-</del>	G L YAI	<del>luu2</del>	
	AG	+					, i			
	AH	-					TECH	CENTER 1	<del>                                      </del>	
	AI AJ	+		+			1 23 4011			
	AK	+							<u> </u>	
	AK			FOR	EIGN PATENT DOO	UMENTS		<u>.                                    </u>	1	
EXAMINER NITIAL			CUMENT MBER	DATE	COUNTRY		CLASS	SUB- CLASS	TRANSLATIO	
		1							Y	
	AL	_	·						ļ	
	,,,								Y	
<del></del>	AM					<del>-</del> :		<del>                                     </del>	Y	
	AN								·	
	AO								Y	
									Y	
	AP	<u> </u>						L		
		1	OTHER (Inc	cluding Auth	or, Title, Date	, Pertinent P	ages, etc.)	· · · ·		
-Put	AR	<u>6</u>	Cytomega		l., "A Continuou cease Using a Pe (1995).					
	AS	6	Fluoroge	Johnson, A.F., et al., "Nonisotopic DNA Detection System Employing Elastase and a Fluorogenic Rhodamine Substrate," <i>Anal. Chem. 65</i> :2352-2359, American Chemical Society (1993).						
	AT	<u>6</u>	Proteinas	se Activitie	"Flow Cytometres in Living Cel cademic Press, I	ls with Rhoda				
XAMINER			/				DATE CONSI	DERED	1 /	
			d 242						30/03	
	h citat	iφħi	if not in c		whether or not and not conside					



communication to Applicant.

ATTY. DOCKET NO. 1735.0470001/RWE/ALS APPLICATION NO. 09/920,332

APPLICANT

Kasibhatla et al.

FILING DATE August 2, 2001 GROUP 1645

U.S. PATENT DOCUMENTS EXAMINER INITIAL DOCUMENT DATE NAME CLASS SUB-FILING DATE NUMBER CLASS AA AB AC AD ΑE AF AG AΗ ΑI АJ ΑK FOREIGN PATENT DOCUMENTS EXAMINER CLASS TRANSLATION INITIAL DOCUMENT DATE COUNTRY SUB-NUMBER CLASS Yes AT. Nο Yes No Yes AN No Yes ΑO No Yes ΑP No OTHER (Including Author, Title, Date, Pertinent Pages, etc.) Leytus, S.P., et al., "New class of sensitive and selective fluorogenic AR <u>7</u> substrates for serine proteinases," Biochem. J. 215:253-260, The Biochemical Society (1983). Leytus, S.P., et al., "Rhodamine-based compounds as fluorogenic substrates for serine proteinases," Biochem. J. 209:299-307, The Biochemical Society (1983). AS 7 Los, M., et al., "Requirement of an ICE/CED-3 protease for Fas/APO-1-mediated ΑТ 7 apoptsis," Nature 375:81-83, Nature Publishing Group (1995). EXAMINER DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

OIPEVO
MAY 1 0 2002 5
FORM BADENARY

	ATTY. DOCKET NO. 1735.0470001/RWE/ALS	APPLICATION NO. 09/920,332
•	APPLICANT Kasibhatla et al.	
•	FILING DATE August 2, 2001	GROUP 1644

				v.s.	PATENT DOCUMENTS			-			
EXAMINER INITIAL		DOC	UMENT	DATE	NAME	CLASS	SUB- CLASS	FILING DATE			
-	AA	NOM.	BER			1	CLASS				
	AB	+				<u> </u>	<del> </del>				
	AC	<b>+</b>	<del></del>				~~				
	AD		****	<u> </u>			<u></u>				
	AE	+	·			-					
	AF	<del>                                     </del>		-		<del>- lin</del>	1 x 0 21	02			
	AG	+-				TECHO	ENITED	<u> </u>			
	AH	<u> </u>				TRACTO	ENTER 16	<del>10/2900</del>			
	AI										
	AJ							· · · · · · · · · · · · · · · · · · ·			
	AK		· · · · ·			1					
	1			FOREIG	N PATENT DOCUMENTS						
EXAMINER INITIAL		DOCI	UMENT BER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION			
	AL							Yes No			
	AM							Yes No			
	AN			<u> </u>				Yes No			
	1							Yes			
	AO	<del>                                     </del>						No Yes			
	AP	<u> </u>	OFFITTO / To - 1		Middle Date Bankinson Day			No			
!		<u>'</u>	OTHER (INCL	uding Author,	Title, Date, Pertinent Pag	jes, etc.)					
Fult	AR	<u>8</u>	Consequenc	e of Deficien	-Resistance of CD95- and Dr t Activation of Caspases ( Society of Hematology (1997	ICE/Ced-3 E					
	AS	<u>8</u>	Matayoshi, E.D., et al., "Novel Fluorogenic Substrates for Assaying Retroviral Proteases by Resonance Energy Transfer," Science 247:954-958, American Association for the Advancement of Science (1990).								
V	AT	Mohr, S., et al., "Macrophages resistant to endogenously generated nitric oxide-mediated apoptosis are hypersensitive to exogenously added nitric oxide donors:  Dichotomous apoptotic response independent of caspase 3 and reversal by the mitogen-activated protein kinase kinase (MEK) inhibitor PD 098059," Proc. Natl. Acad. Sci. USA 95:5045-5050, National Academy of Sciences (1998).									
EXAMINER	181		J X/s	-		DATE CONSI	DERED/38/	, , , ,			
<b>EXAMINER:</b> In line through communication	nitial citati	if re	eference com	nsidered, whet nformance and	ther or not citation is in not considered. Include c	conformanc	e with MPF	CP 609. Draw th next			



ATTY. DOCKET NO. 1735.0470001/RWE/ALS

APPLICATION NO. 09/920,332

APPLICANT

Kasibhatla *et al*.

FILING DATE August 2, 2001 GROUP 1644

				v.s.	PATENT DOCUMENTS				
EXAMINER INITIAL		DOCT NUMI	JMENT BER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE	
	AA								
	AB								
	AC								
	AD						REC		
··	AE	<u> </u>					1.1.	ma I V Gar LJ	
	AF	ļ					Mmf 3	3 200 <b>2</b>	
	AG	ļ					TOU OF I	7 2004	
	АН	ļ					ECH UEVILI	FR 1600/2900	
	AI							1999	
	AJ	ļ				1		<u> </u>	
	AK				l				
	1	1		FOREIG	N PATENT DOCUMENTS	1		Τ	
EXAMINER INITIAL		DOCU NUMI	JMENT BER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
	AL							Yes . No	
	AM					-		Yes No	
	AN			-				Yes No	
								Yes	
	AO	ļ.——	•					No Yes	
	AP	<u> </u>			<u></u>			No	
			OTHER (Incl	uding Author,	Title, Date, Pertinent P	ages, etc.)			
-Pult	AR	<u>9</u>			"Alphabetical Price List Eugene, Oregon, pp. 1-4		oducts Janu	ary 1994,"	
	AS	Morliere, P., et al., "Interaction of Tetrapyrrolic Rings with Rhodamine 110 and 123 and with Rhodamine 110 Derivatives Bearing A Peptidic Side Chain," Biochem. Biophys. Res. Comm. 146:107-113, Academic Press, Inc. (1987).							
V	O'Boyle, D.R., et al., "Identification of a Novel Peptide Substrate of HSV-1 Protease Using Substrate Phage Display," Virology 236:338-347, Academic Press, Inc. (1997).								
EXAMINER	M	<u> </u>	1 7/2/			DATE CONS	IDERED 7/3	~/° >	
<b>EXAMINER</b> : Ir line through communication	nitial citati	if re	ference co	nsidered, when	ther or not citation is in not considered. Include	n conforman copy of th	ce with MPI is form wit	EP 609. Draw th next	

Page 10 of 14

FORM PTO-1449 TRADE

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO. APPLICATION NO. 09/920,332 1735.0470001/RWE/ALS APPLICANT Kasibhatla et al.

GROUP FILING DATE 1645 1644 August 2, 2001

U.S. PATENT DOCUMENTS									
	T	γ		U.S.	PATENI DOCUMENIS	Ţ	Τ		
EXAMINER INITIAL		DOCU	JMENT BER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE	
	AA								
	AB								
	AC						DEC		
	AD						uec.	EIVED	
	AE						,		
	AF						IIIA!	2 2002	
	AG	l				TE	CH CENTE	5	
	AH					14	ALL AEIALE	H 1600/2900	
	·AI								
	AJ								
	AK								
				FOREIG	N PATENT DOCUMENTS				
EXAMINER INITIAL		DOCU NUME	JMENT BER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
	AL							Yes No	
	AM	′		<del></del>				Yes No	
								Yes	
<u> </u>	AN							No Yes	
	AO	_						No Yes	
·	AP					<u> </u>		No	
		(	OTHER (Incl	uding Author,	Title, Date, Pertinent Page	es, etc.)			
Fult	AR	<u>10</u>			ulovirus p35 and Z-VAD-fmk : cer cells," <i>Oncogene 15</i> :120				
	AS	Richards, A.D., et al., "Sensitive, Soluble Chromogenic Substrates for HIV-1 Proteinase," J. Biol. Chem. 265:7733-7736, American Society for Biochemistry and Molecular Biology, Inc. (1990).							
AT 10 Rothe, G., et al., "Flow Cytometric Analysis of Protease Activities in Vital Cells," Biol. Chem. Hoppe-Seyler 373:547-554, Walter de Gruyter & Co. (1992).									
EXAMINER	M	لہ	Sha		I	DATE CONSI	DERED/30/	/ ኔ ጌ	
line through									

FORM	PTO-1449

ATTY. DOCKET NO. 1735.0470001/RWE/ALS	APPLICATION NO. 09/920,332
APPLICANT Kasibhatla et al.	
FILING DATE August 2, 2001	GROUP 1645

					August 2, 2001		1645	7644			
				v.s.	PATENT DOCUMENTS			- 4			
EXAMINER INTELLE			CUMENT IBER	DATE	NAME	C	CLASS	SUB- CLASS	FILING DATE		
, C	AA										
MAY 1 0 2007	АВ						REC	FIVE	<u> </u>		
\$	AC				<u> </u>			LIVL			
TRADEMAN	AD						MAY	3 2002			
MADENII	AE	_				707	CH OF	PPD ( D )			
	AF	+					CH CEN	EH 1600/	<del>2900</del>		
	AG	+	****	<del></del>	-						
	AH	-									
	AJ	+					<del> </del>				
	AK										
		<u> </u>		FOREIG	N PATENT DOCUMENTS			J	<u>-</u>		
EXAMINER INITIAL			UMENT IBER	DATE	COUNTRY	(	CLASS	SUB- CLASS	TRANSLATION		
	AL								Yes No		
	AM								Yes No		
	AN								Yes No		
	AO								Yes No		
	AP								Yes No		
			OTHER (Incl	uding Author,	Title, Date, Perti	nent Pages	, etc.)				
Put	AR	<u>11</u>	identifica		" <i>In vitro</i> proteolyt numan cytomegaloviru Lonal (1994).						
	AS	<u>11</u>	High-Perfo	Tamburini, P.P., et al., "A Fluorometric Assay for HIV-Protease Activity Using High-Performance Liquid Chromatography," <i>Anal. Biochem. 186</i> :363-368, Academic Press, Inc. (1990).							
	AT	11	Members of	the Caspase	l., "A Combinatorial Family and Granzyme or Biochemistry and	B," J. Bi	ol. Chem	. 272:179	07-17911,		
EXAMINER	S	L,	N. Str			DA'	TE CONSI	DERED /	103		
<b>EXAMINER:</b> Ir line through communication	citat	i/o/n i	f not \in co	nsidered, whe nformance and	ther or not citation not considered. In	n is in con nclude copy	nformance y of this	e with MPE s form wit	EP 609. Draw th next		

	ATTY. DOCKET NO.   APPLICATION NO.   1735.0470001/RWE/ALS   09/920,332				
FORM PTO-1449  INFORMATION DISCLOSURE STATEMENT	APPLICANT Kasibhatla et al.				
INFORMATION DISCLOSURE STATEMENT	FILING DATE August 2. 2001	GROUP 1648 /644	_		

				v.s.	PATENT DOCUMENTS			
EXAMENER INITIAD			CUMENT MBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
4AV 1 (1 2002	AA							
1A1 - 2002	AB	$\prod$			,	DE	CEIV	ED'
(4)	AC					# 1 ho	- VLIV	
PADEMAR	AD						144 x 3 2	in2
	AE			<u> </u>			1	<u> </u>
	AF	Д		ļ		IEGHS	CHILLER 16	D0/2900
	AG	<del> </del>					1	
	AH	<del> </del>		<b>_</b>				
	AI	┷		<u> </u>	<u> </u>			ļ
	AJ	$\bot$					<del>                                     </del>	<u> </u>
	AK	Ц						
				FOREIG	ON PATENT DOCUMENTS			<del></del>
EXAMINER INITIAL			CUMENT MBER	DATE .	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL							Yes No
	АМ							Yes No
	AN							Yes No
	AO							Yes No
	AP							Yes No
	<u> </u>		OTHER (Inc)	uding Author,	Title, Date, Pertinent	Pages, etc.)		<u> </u>
Palt	AR	12	Thornberry Current Bi	y, N.A., "Casp iology Ltd. (1	pases: key mediators of a	apoptosis," C	hem. Biol.	5:R97-R103,
	AS	<u>12</u>			l, G.R., "A simple, cont tide Protein Res. 36:544			
V	AT	12		unodeficiency	, C.A., "Continuous Assay Virus-1 Protease," <i>Anal</i>			
EXAMINER						DATE CONSI		

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Drawline through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

Page 13 of 14

	ATTY. DOCKET NO. APPLICATION NO. 1735.0470001/RWE/ALS 09/920,332		
FORM PTO-1449  INFORMATION DISCLOSURE STATEMENT	APPLICANT Kasibhatla et al.		
INFORMATION DISCHOSORE STATEMENT	FILING DATE August 2, 2001	GROUP 1644	

				U.S.	PATENT DOCUMENTS						
examiner Cylulai:		DOCU	UMENT BER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE			
1	AA										
MAY 1 0 2002	AB				•	R	ECEL	VED			
يَّيْ	AC										
\$ >> == 1.0 F'	AD						MAY 3	kn05			
MADEMA	AE					TEAL	AFIITEA	100010000			
	AF					IEUN	CENTER 1	DUDISANT			
	AG							, giê			
	AH							·			
	AI										
	AJ										
	AK										
				FOREIG	GN PATENT DOCUMENTS						
EXAMINER INITIAL		DOCT NUMI	UMENT BER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION			
	AL							Yes No			
								Yes			
	AM					+	<del>                                     </del>	No			
	AN							Yes No			
		_						Yes			
	AO							No			
	1,5							Yes			
·	AP		/1	34 3	Title Park Parkings Park		<u> </u>	No			
	<del></del>	<del></del>	OTHER (Inc.)	uding Author,	, Title, Date, Pertinent Pag	es, etc.)					
Pult	AR	<u>13</u>	Molecular	Weber, J.M., "Adenovirus Endopeptidase and Its Role in Virus Infection," in: The Molecular Repetoire of Adenoviruses I. Virion Structure and Infection, Doerfler, W. and Böhm, P., eds., Springer-Verlag, Berlin, Germany, pp.227-235 (1995).							
	AS	13	Serine Pro	Zhang, R., et al., "Probing the Substrate Specificity of Hepatitis C Virus NS3 Serine Protease by Using Synthetic Peptides," J. Virol. 71:6208-6213, American Society for Microbiology (1997).							
V	АТ	<u>13</u>	International Search Report for International Application No. PCT/US00/02329 (published as document AM3), mailed May 10, 2000.								
EXAMINER		<u> </u>	51 -			DATE CONSI	DERED				

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

								Page 14 of 14	
					ATTY. DOCKET NO. 1735.0470001/RWE/ALS	APPLICATION NO.			
FORM PTO-1449				'A TEMENT	APPLICANT Kasibhatla et al.				
INFORMATION DISCLOSURE STATEMENT					FILING DATE August 2, 2001				
				U.S.	. PATENT DOCUMENTS				
EXAMINER IN TIAL			UMENT BER	DATE	NAME	CLASS	SUB-	FILING DATE	
72.	AA							VED	
MAY 1 0 2002	AB			<u> </u>			MAY 1 9	2002	
	AC	ļ. <u></u>						2002	
MADEMAN	AD	<u> </u>				TEC	H CENTER	1600/2000	
MADEN	AE								
	AF	ļ						2191g	
	AG	_		<del>                                     </del>					
	AH	ļ							
	AI	<del> </del>					<u> </u>		
	AJ	-		ļ					
	AK	!		1					
	Γ	T		FOREI	GN PATENT DOCUMENTS			<u>r                                      </u>	
EXAMINER INITIAL		DOC:	UMENT BER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
·	AL							Yes	
	АМ							Yes No	
	AN							Yes No	
		1						Yes	
	AO	1					<b>_</b>	No	
	AP							Yes No	
	1		OTHER (Inc	luding Author	, Title, Date, Pertinent P	ares etc.)		1 10	
			<u> </u>	rading Action	, ilete, bace, relement r	ages, ecc.,	· · · · · ·		
Put	AR	14	Co-pendin	g U.S. Applic	ation No. 09/454,595, Webe	r, E. et a	l., filed D	ecember 7,	

Allen, R.T., et al., "Mechanisms controlling cellular suicide: role of Bcl-2 and caspases," Cell. Mol. Life Sci. 54:427-445, Birkhäuser Verlag (1998). AS <u>14</u> ΑT

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant communication to Applicant.